

In the Specification

Please amend the paragraph at page 18, line 9 through page 19, line 10 as follows:

The novel baculovirus/insect cell expression system has proven effective for the efficient production of functional antibodies for immunotherapy from any given patient. This baculovirus expression vector was designed such that only two custom gene-specific primers were needed to amplify any pair of antibody variable regions for easy subcloning and expression as human kappa light chain and IgG<sub>γ1</sub> heavy chain. The incorporation of heterologous secretory secretory signal sequences, which directed the heavy and light chains to the secretory pathway, were incorporated for the expression of large amounts of active immunoglobulin from insect cells. This vector should be useful for the expression of any kappa light chain variable region (V<sub>L</sub>) in frame with human kappa constant region and secreted via the human placental alkaline phosphatase secretory secretory signal sequence; and any heavy chain variable region (V<sub>H</sub>) in frame with the human IgG<sub>γ1</sub> constant domain led by the honey bee melittin secretory secretory signal sequence. In other systems, the lambda light chain constant region replaces the kappa constant region. The chimeric protein is then expressed with the V<sub>L</sub> region in frame with human lambda constant region and secreted via the human placental alkaline phosphatase secretory secretory signal sequence, along with any heavy chain variable region (V<sub>H</sub>) in frame with the human IgG<sub>γ1</sub> constant domain led by the honey bee melittin secretory secretory signal sequence. Any monoclonal antibody, mouse or human, either from a monoclonal cell line or identified by phage display cloning, could be easily expressed as whole human IgG<sub>γ1</sub>/κ or IgG<sub>γ1</sub>/λ in this vector after two simple subcloning steps. Additionally, different immunoglobulin types, including IgG<sub>2</sub>, IgG<sub>3</sub>, IgG<sub>4</sub>, IgA, IgA<sub>1</sub>, IgA<sub>2</sub>, IgM, IgD, IgE heavy chains, or segments thereof, could be used in place of IgG<sub>γ1</sub>. Furthermore, besides those signal sequences described *supra*, the instant invention may use other secretory signal sequences such as the endogenous secretory sequences associated with the immunoglobulin genes derived from a given patient. Additionally, one of skill in the art would be able to select several different primers that could be used equivalently in this system to produce equivalent results to amplify any pair of antibody variable regions for easy subcloning.